

**BARNES & THORNBURG**11 South Meridian Street  
Indianapolis, Indiana 46204**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Customer No.: 30450

Group: 3747

Confirmation No.: 5049

Application No.: 10/701,197

Invention: ACTUATOR CONTROL SYSTEM

Inventor: Daniel D. Wilhelm

Filed: November 4, 2003

Attorney Docket: 29766-71992

Examiner: Johnny H. Hoang

Certificate Under 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Mail Stop: Issue Fee, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450

on December 14, 2005Angela Kay Rogers  
(Signature)Angela Kay Rogers  
(Printed Name)

SUBMISSION OF POWER OF ATTORNEY  
TO PROSECUTE APPLICATIONS BEFORE THE USPTO  
AND  
STATEMENT UNDER 37 C.F.R. 3.73(B)

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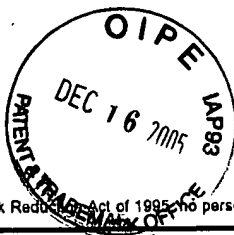
Sir:

Applicant submits for the above-identified application the following: (1) Power of Attorney to Prosecute Applications Before the USPTO (Form PTO/SB/80) signed on September 28, 2004 by Marya M. Rose, the vice President, Gen. Counsel & Secretary of the Assignee of Record, and (2) a Statement Under 37 C.F.R. 3.73(b) (Form PTO/SB/96).

Please charge any fees that may be due in connection with this submission to our Deposit Account No. 10-0435.

Respectfully submitted,  
BARNES & THORNBURG

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PTO/SB/80 (12-03)

Approved for use through 11/30/2005. OMB 0851-0035  
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**POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO**

I hereby appoint:



Practitioners associated with the Customer Number:

30450

OR



Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

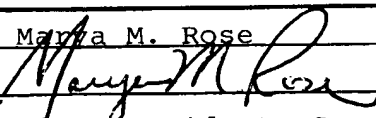
Assignee Name and Address:

Cummins, Inc.  
500 Jackson Street  
Columbus, IN 47201

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

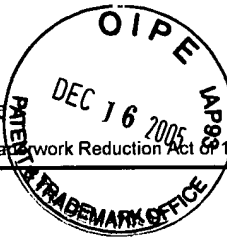
**SIGNATURE of Assignee of Record**

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Name	Marta M. Rose		
Signature		Date	9/28/2004
Title	Vice President, Gen. Counsel & Secretary		812-377-3609

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Daniel D. Wilhelm et al.Application No./Patent No.: 10/701,197Filed/Issue Date: November 4, 2003Entitled: **ACTUATOR CONTROL SYSTEM**Cummins, Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United Patent States Patent and Trademark Office at Reel 014997, Frame 0548, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
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Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

- ☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document (s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature

Jeffrey A. Michael

Printed or Typed Name

Attorney of Record

Title

DECEMBER 14, 2005

Date

317-231-7382

Telephone number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETE D FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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